

# Business Standard

## Lockheed Martin introduces LM-100J 'FireHerc' at Farnborough International Airshow

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[Lockheed Martin Farnborough International](#) Airshow (FIAS) introduced the LM-100J "FireHerc," a civil-certified [firefighting](#) airtanker variant of the proven [C-130J](#) Super [Hercules](#) that is the airlifter of choice for 18 nations around the world.

The LM-100J is the commercial freighter production model of the [C-130J](#) Super [Hercules](#) and an updated version of the legacy [L-100](#) commercial [Hercules](#) freighter. The LM-100J is flying at and on static display at this year's FIAS.

[C-130s](#) - legacy Hercules, Super Hercules and [L-100s](#) - have flown millions of hours in support of missions for military and civilian operators around the world for 60+ years, which includes supporting [firefighting](#) missions for more than 40 years. The LM-100J FireHerc builds on this proven experience and offers advanced capabilities to support aerial [firefighting](#) requirements for decades to come.

"With the presence of wildfires increasing on a global scale, there is a real-time need to provide more advanced assets to protect our people, communities and environment," said George Shultz, Vice President and General Manager, [Air Mobility](#) & Maritime Missions at [Lockheed Martin](#). "As a variant of the [C-130J](#) Super Hercules, the FireHerc delivers a powerful combination of established, performance advantages and innovative technology that will truly change the way we fight and defeat wildfires."

The Hercules plays a vital role in firefighting by dispersing retardant to contain and control fires in locations with complex terrain and compromised operating conditions. The FireHerc's straight-wing design and turboprop power plant allows it to excel in supporting this challenging low-level, low-speed firefighting mission profile like no other large airtanker in operation.

Additional FireHerc advantages include:

- Advanced flight deck avionics that provide outstanding situational awareness and modern safety features to protect and guide flight crews through challenging conditions.

- The ability to support two different retardant dispersion solutions: the gravity-drop based Coulson [Aviation](#) RADS Product Line or the pressure-type dispersal Modular [Aerial Firefighting](#) System II (MAFFS II). Both have been certified by the [U.S. Forest Service on the Hercules](#) platform to meet strict ground coverage standards.

- A path to support night firefighting with advanced integrated technology, allowing responders to combat fires on an unprecedented 24/7 cycle - providing an unmatched advantage against nature.